

Table ENG-5. - Sanitary Facilities

Madison County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ab:					
Albano	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to hard bedrock	0.61
		Depth to bedrock	0.86	Slope	0.08
Ac:					
Alluvial land	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Wet Spots	5	Not Rated		Not Rated	
Ad:					
Alluvial land	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Content of large stones	1.00
		Content of large stones	1.00	Depth to saturated zone	1.00
Wet Spots	5	Not Rated		Not Rated	
AIA:					
Altavista variant	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
AIB:					
Altavista variant	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.32
ApB:					
Appling	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ApB: Wet Spots	1	Not Rated		Not Rated	
ApC: Appling	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
ApD2: Appling	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
ArB: Appling	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Au: Augusta variant	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Wet spots	3	Not Rated		Not Rated	
BaB: Baile	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.68
BcB: Braddock	50	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.68
Thurmont	30	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
		Depth to saturated zone	0.40	Seepage	0.50
BcC:					

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BcC:					
Braddock	50	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	1.00
Thurmont	30	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Depth to saturated zone	0.40	Seepage	0.50
		Slope	0.37		
BcD2:					
Braddock	50	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
Thurmont	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
		Depth to saturated zone	0.40		
BdC:					
Brandywine	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.37		
BdD:					
Brandywine	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
		Filtering capacity	1.00		
BeC:					
Brandywine	85	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
		Filtering capacity	1.00	Slope	1.00
		Slope	0.16		

BeD:

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BeD:					
Brandywine	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
		Filtering capacity	1.00		
BeF:					
Brandywine	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
		Filtering capacity	1.00		
BnD:					
Brandywine	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Slope	1.00		
BnF:					
Brandywine	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
		Filtering capacity	1.00		
BrC:					
Bremo	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
BrE:					
Bremo	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
BsB:					
Bucks	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.73	Slope	0.68
				Seepage	0.27
BsC2:					

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BsC2:					
Bucks	85	Somewhat limited		Very limited	
		Restricted permeability	0.73	Slope	1.00
		Slope	0.37	Seepage	0.27
Bu:					
Buncombe	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Filtering capacity	1.00	Seepage	1.00
CbB:					
Calverton	50	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.73	Slope	0.32
Creedmoor	50	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.32
CcC:					
Catoctin	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Slope	1.00
				Seepage	1.00
CcE:					
Catoctin	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
CeB:					
Cecil	85	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
				Slope	0.68
CeB2:					
Cecil	85	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
				Slope	0.68
CeC:					

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CeC:					
Cecil	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
CeC2:					
Cecil	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
CeD2:					
Cecil	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
CfB:					
Cecil	85	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
				Slope	0.68
CgC3:					
Cecil	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
ChC:					
Cecil	55	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
Appling	40	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
ChC2:					
Cecil	50	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
Appling	45	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50

CkB:

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CkB:					
Chester	50	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Brandywine	30	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
		Filtering capacity	1.00	Slope	0.68
CkC:					
Chester	50	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
				Seepage	0.50
Brandywine	30	Somewhat limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Slope			0.37		
CkC2:					
Chester	50	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
				Seepage	0.50
Brandywine	30	Somewhat limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Slope			0.37		
CkD:					
Chester	50	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Brandywine	30	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
Filtering capacity			1.00		

Cm:

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Cm:					
Chewacla	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Wet Spots	5	Not Rated		Not Rated	
Cn:					
Codorus variant	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
CoC:					
Colfax	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	0.92
Cr:					
Colluvial land	85	Not Rated		Not Rated	
Cu:					
Colluvial land	85	Not Rated		Not Rated	
Cv:					
Congaree	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Cw:					
Congaree	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
DaB2:					
Davidson	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.68
				Seepage	0.50

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
DaC2:					
Davidson	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	0.50
DaD2:					
Davidson	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	0.50
DkB:					
Dyke	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
DkC2:					
Dyke	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
DkE2:					
Dyke	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Eb:					
Elbert	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to soft bedrock	0.42
		Depth to bedrock	0.78		
EIB:					
Elioak	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.73	Slope	0.68
				Seepage	0.50
EIB2:					
Elioak	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.73	Slope	0.68
				Seepage	0.50
EIC:					

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EIC:					
Elioak	85	Somewhat limited		Very limited	
		Restricted permeability	0.73	Slope	1.00
		Slope	0.37	Seepage	0.50
EIC2:					
Elioak	85	Somewhat limited		Very limited	
		Restricted permeability	0.73	Slope	1.00
		Slope	0.37	Seepage	0.50
EID2:					
Elioak	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.73	Seepage	0.50
EmB:					
Elioak	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.73	Slope	0.68
				Seepage	0.50
EmB2:					
Elioak	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.73	Slope	0.68
				Seepage	0.50
EmC2:					
Elioak	85	Somewhat limited		Very limited	
		Restricted permeability	0.73	Slope	1.00
		Slope	0.37	Seepage	0.50
EmD2:					
Elioak	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.73	Seepage	0.50
EnC3:					
Elioak	85	Somewhat limited		Very limited	
		Restricted permeability	0.73	Slope	1.00
		Slope	0.37	Seepage	0.50
EnD3:					
Elioak	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.73	Seepage	0.50

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EsB:					
Eubanks	85	Not limited		Very limited	
				Seepage	1.00
				Slope	0.68
EsC:					
Eubanks	85	Somewhat limited		Very limited	
		Slope	0.37	Slope	1.00
				Seepage	1.00
EsC2:					
Eubanks	85	Somewhat limited		Very limited	
		Slope	0.37	Slope	1.00
				Seepage	1.00
EtB:					
Eubanks	85	Not limited		Very limited	
				Seepage	1.00
				Slope	0.68
EtC2:					
Eubanks	85	Somewhat limited		Very limited	
		Slope	0.37	Slope	1.00
				Seepage	1.00
EtD2:					
Eubanks	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00
EuC3:					
Eubanks	60	Somewhat limited		Very limited	
		Slope	0.37	Slope	1.00
				Seepage	1.00
Lloyd	35	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
EuD3:					
Eubanks	60	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00
Lloyd	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50

EuE3:

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EuE3:					
Eubanks	60	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
Lloyd	35	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
EyB:					
Eubanks	55	Not limited		Very limited Seepage Slope	1.00 0.68
Lloyd	45	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50
EyB2:					
Eubanks	55	Not limited		Very limited Seepage Slope	1.00 0.68
Lloyd	45	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50
EyC:					
Eubanks	55	Somewhat limited Slope	0.37	Very limited Slope Seepage	1.00 1.00
Lloyd	40	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
EyC2:					
Eubanks	55	Somewhat limited Slope	0.37	Very limited Slope Seepage	1.00 1.00
Lloyd	40	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
EyD2:					

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EyD2:					
Eubanks	65	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
Lloyd	30	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
FaB:					
Fauquier	85	Very limited Depth to bedrock Restricted permeability	1.00 0.50	Somewhat limited Depth to soft bedrock Slope Seepage	1.00 0.68 0.50
FcB2:					
Fauquier	85	Very limited Depth to bedrock Restricted permeability	1.00 0.50	Somewhat limited Depth to soft bedrock Slope Seepage	1.00 0.68 0.50
FcC2:					
Fauquier	85	Very limited Depth to bedrock Restricted permeability Slope	1.00 0.50 0.37	Very limited Slope Depth to soft bedrock Seepage	1.00 1.00 0.50
FcD2:					
Fauquier	85	Very limited Slope Depth to bedrock Restricted permeability	1.00 1.00 0.50	Very limited Slope Depth to soft bedrock Seepage	1.00 1.00 0.50
GIC2:					
Glenelg	85	Somewhat limited Restricted permeability Slope	0.50 0.16	Very limited Slope Seepage	1.00 0.50
GID2:					
Glenelg	85	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
GP:					
Gravel pit	100	Not Rated		Not Rated	

HaC:

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
HaC:					
Hazel	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Slope	1.00
				Seepage	1.00
HaD:					
Hazel	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
HaF:					
Hazel	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
HsB:					
Hiwassee	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
HsB2:					
Hiwassee	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
HsC2:					
Hiwassee	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
HsD2:					
Hiwassee	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
IrB:					
Iredell	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.68
Wet spots	2	Not Rated		Not Rated	

LeD:

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LeD:					
Lewisberry	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.06	Seepage	1.00
LfB:					
Lloyd	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
LfC2:					
Lloyd	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
LfD2:					
Lloyd	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
LIB:					
Lloyd	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
LIB2:					
Lloyd	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
LIC2:					
Lloyd	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
LmB2:					
Lloyd variant	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
LmC2:					
Lloyd variant	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50

LmD2:

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LmD2:					
Lloyd variant	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
LnC3:					
Lloyd	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
LnD3:					
Lloyd	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
LoC:					
Louisburg	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.16	Slope	1.00
LoD:					
Louisburg	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
LoF:					
Louisburg	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Ma:					
Madeland	100	Not Rated		Not Rated	
MnB:					
Manassas	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Seepage	1.00
				Slope	0.68
Wet spots	1	Not Rated		Not Rated	
MoC:					

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MoC:					
Manor	85	Somewhat limited Slope	0.96	Very limited Slope Seepage	1.00 1.00
MuB:					
Mayodan	85	Somewhat limited Restricted permeability	0.82	Somewhat limited Slope Seepage	0.68 0.50
MuC2:					
Mayodan	85	Somewhat limited Restricted permeability Slope	0.82 0.37	Very limited Slope Seepage	1.00 0.50
MvB:					
Meadowville	85	Very limited Depth to saturated zone	1.00	Very limited Seepage Depth to saturated zone Slope	1.00 0.71 0.68
Wet spots	1	Not Rated		Not Rated	
MvC:					
Meadowville	85	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Slope Seepage Depth to saturated zone	1.00 1.00 0.71
MyC:					
Myersville	65	Somewhat limited Depth to bedrock Restricted permeability Slope	0.78 0.50 0.37	Very limited Slope Seepage Depth to soft bedrock	1.00 0.50 0.42
Catoctin	30	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
MyD:					
Myersville	65	Very limited Slope Depth to bedrock Restricted permeability	1.00 0.78 0.50	Very limited Slope Seepage Depth to soft bedrock	1.00 0.50 0.42

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MyD:					
Catoctin	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
MyE:					
Myersville	65	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.78	Seepage	0.50
		Restricted permeability	0.50	Depth to soft bedrock	0.42
Catoctin	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
PnC:					
Penn	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.16	Slope	1.00
				Seepage	1.00
PnD:					
Penn	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
PoC:					
Porters	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Depth to bedrock	0.78	Seepage	1.00
		Slope	0.37	Depth to hard bedrock	0.42
PoD:					
Porters	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to bedrock	0.78	Depth to hard bedrock	0.42
PoF:					
Porters	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to bedrock	0.78	Depth to hard bedrock	0.42

RdB:

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
RdB:					
Rapidan	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.68
				Seepage	0.50
ReC2:					
Rapidan	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	0.50
Rh:					
Riverwash	85	Not Rated		Not Rated	
Rk:					
Roanoke	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	1.00
Rn:					
Rock land	85	Not Rated		Not Rated	
Ro:					
Rock land	85	Not Rated		Not Rated	
RrD:					
Rock land	85	Not Rated		Not Rated	
RrE:					
Rock land	85	Not Rated		Not Rated	
RtD:					
Rock land	85	Not Rated		Not Rated	
RtE:					
Rock land	85	Not Rated		Not Rated	
Ru:					
Rock outcrop	85	Not Rated		Not Rated	
SrC:					
Starr	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.68
TrC:					

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TrC:					
Trego	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Seepage	1.00
				Slope	0.92
Wet spots	1	Not Rated		Not Rated	
TuB:					
Tusquitee	85	Not limited		Very limited	
				Seepage	1.00
				Slope	0.68
TuC:					
Tusquitee	85	Somewhat limited		Very limited	
		Slope	0.37	Slope	1.00
				Seepage	1.00
TuD:					
Tusquitee	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00
TuE:					
Tusquitee	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00
UnB:					
Unison	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.68
UnC:					
Unison	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	1.00
UnD:					
Unison	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
UsC:					
Unison	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	1.00

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UsD:					
Unison	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
W:					
Water	100	Not Rated		Not Rated	
WaC:					
Watt	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.16	Seepage	1.00
				Slope	1.00
WaE:					
Watt	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
We:					
Wehadkee	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
WhB:					
Wickham variant	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
WhC2:					
Wickham variant	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
WmB:					
Worsham	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.68
ZoB:					

Table ENG-5. - Sanitary Facilities - Continued

Madison County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ZoB:					
Zion	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Restricted permeability	0.73	Slope	0.68
				Seepage	0.27
ZoC:					
Zion	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Restricted permeability	0.73	Slope	1.00
		Slope	0.37	Seepage	0.27